

### **ABSTRACT OF THE DISCLOSURE**

A method that provides printhead swath height measurement and compensation includes the steps of establishing a nominal printhead swath height to be associated with printheads of a particular type; printing a swath using a first printhead of the particular type; measuring a printhead swath height of the first printhead; determining a difference  
5 between the measured printhead swath height of the first printhead and the nominal printhead swath height; generating a printhead swath height correction value based on the difference; and storing the printhead swath height correction value in a printhead memory associated with the first printhead.